WHAT IS CLAIMED IS:

1. A packed column provided with a packing support plate so that a packing is disposed on the packing support plate, wherein:

a packing layer (B) having a greater percentage of voids than that of a packing layer (A) is provided between said packing support plate and said packing layer (A).

2. The packed column as set forth in claim 1, wherein said packing support plate is a corrugated packing support plate.

3. The packed column as set forth in claim 2, wherein:

said packing support plate is a corrugated packing support plate having openings;

a total area of all the openings in said corrugated packing support plate is in a range of 110 percent to 150 percent of a cross-sectional area of said column; and

an area of each opening is in a range f 25mm^2 to 2000mm^2.

4. The packed column as set forth in claim 1, wherein at least either said packing layer (A) or said

packing layer (B) includes a packing whose Rmax indicative of a surface roughness according to JIS B0601 is not more than 12.5S.

5. The packed column as set forth in claim 1, wherein a difference between a percentage of voids of said packing layer (A) and a percentage of voids of said packing layer (B) is in a range of 0.1 percent to 30 percent.

6. The packed column as set forth in claim 1, wherein, in the case where said packing support plate is a corrugated packing support plate, a length of said packing layer (B) is 1.1 times to 1.5 times a height of a projection section of said corrugated packing support plate.

7. A method for treating a polymerizable compound, wherein a packed column provided with a packing support plate, a packing layer (A), and a packing layer (B) is employed to treat a polymerizable compound, said packing layer (A) being disposed above the packing support plate, and said packing layer (B) having a greater percentage of voids than that of said packing layer (A) and being disposed between said packing support plate and said

packing layer (A).

8. The method as set forth in claim 7, wherein said packing support plate is a corrugated packing support plate.

9. The method as set forth in claim 7, wherein at least either said packing layer (A) or said packing layer (B) includes a packing whose Rmax indicative of a surface roughness according to JIS B0601 is not more than 12.5S.

10. The method as set forth in claim 7, wherein the polymerizable compound is at least one selected from the group consisting of (meth)acrylic acids and esters of the same.

11. The method as set forth in claim 8, wherein:

said packing support plate is a corrugated packing support plate having openings;

a total area of all the openings in said corrugated packing support plate is in a range of 110 percent to 150 percent of a cross-sectional area of said column; and

an area of each opening is in a range f 25mm^2 to 2000mm^2.